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By: Masha M. Montinich

PATENT

Attorney Docket No. 20843-002110US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

ROCKY R. ARNOLD, *et al.*

Application No.: 10/664,838

Filed: September 17, 2003

For: EQUIPMENT AND METHODS  
FOR PRODUCING CONTINUOUS  
METALLIZED  
THERMOFORMABLE EMI  
SHIELDING MATERIAL

Examiner: Dameon E. Levi

Art Unit: 2841

**INFORMATION DISCLOSURE  
STATEMENT UNDER  
37 CFR §1.97 and §1.98**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references cited on attached forms PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with the USPTO waiver of the requirement under 37 CFR §1.98 (a)(2)(i) for submitting copies of the cited U.S. patents and U.S. patent publications for all patent applications filed after June 30, 2003, applicants have not submitted copies of the cited U.S. patents and patent publications, references AA-AV. Copies of non-patent literature, references AW-BX, are enclosed.

Also enclosed is a copy of the International Search Report corresponding to the related PCT application.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance. Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Dated: \_\_\_\_\_

11/2/04

By: \_\_\_\_\_

Craig P. Wong

Craig P. Wong  
Reg. No. 45,231

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, CA 94111-3834  
Tel: 206-467-9600  
Fax: 415-576-0300  
CPW:mmm



<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/664,838	
			Filing Date	September 17, 2003	
			First Named Inventor	Arnold, Rocky R.	
			Art Unit	2841	
Sheet	1	of	3	Examiner Name	Dameon E. Levi
				Attorney Docket Number	020843-002110US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	US-3,620,872	11/16/1971	Backwell	
	AB	US-4,329,196	05/11/1982	Rawlinson	
	AC	US-4,423,106	12/27/1983	Mahn	
	AD	US-4,824,506	04/25/1989	Hoerner et al.	
	AE	US-4,913,760	04/03/1990	Benson et al.	
	AF	US-5,286,528	02/15/1994	Reafler	
	AG	US-5,395,659	03/07/1995	Gräf et al.	
	AH	US-5,538,576	07/23/1996	Knop et al.	
	AI	US-5,557,064	09/17/1996	Isern-Flecha et al.	
	AJ	US-5,811,050	09/22/1998	Gabower et al.	
	AK	US-5,945,059	08/31/1999	Atake	
	AL	US-6,206,998 B1	03/27/2001	Niazy	
	AM	US-6,359,213 B1	03/19/2002	Long	
	AN	US-6,377,475 B1	04/23/2002	Reis	
	AO	US-6,470,650 B1	10/29/2002	Lohwasser	
	AP	US-6,483,719 B1	11/19/2002	Bachman	
	AQ	US-6,624,432 B1	09/23/2003	Gabower et al.	
	AR	US-6,643,918	11/11/2003	Ortiz et al.	
	AS	US-6,674,652 B2	01/06/2004	Forte et al.	
	AT	US-6,768,654	07/27/2004	Arnold et al.	
	AU	US 2001/0028558 A1	10/11/2001	Rapp et al.	
	AV	US-2001/0033478	10/25/2001	Ortiz et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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Examiner Signature		Date Considered	
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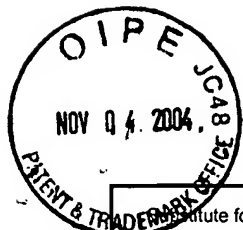
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
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			Examiner Name	Dameon E. Levi	
Sheet	2	of	3	Attorney Docket Number	020843-002110US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	AW	Li/Lyle Industries, "Where Ideas Take Shape," product information.		
	AX	Adams; <i>Taking the Mystery Out of Metallizing</i> , Vacuum Technology (November 1975) Technical Publishing Company, 4 pages total.		
	AY	Adams; <i>Taking the Mystery Out of Metallizing-II</i> , Vacuum Technology (December 1975) Technical Publishing Company, 3 pages total.		
	AZ	Adams; <i>Taking the Mystery Out of Metallizing-III</i> , Vacuum Technology (February 1976) Technical Publishing Company, 4 pages total.		
	BA	Gabower, <i>Thermoformed Vacuum-Metallized Inserts For EMI Shielding</i> , ITEM (1995) The International Journal of EMC, Robar Industries, Inc., pp. 120, 122, 123, and 127.		
	BB	Gabower, <i>Thermoformed Vacuum Metallized Inserts For EMI Shielding of Electronic Devices</i> , Consumer Electronics Show, Flamingo Hilton and Tower, Las Vegas, Nevada, pp. 151-158.		
	BC	Gwinner, <i>Vacuum Evaporated Aluminum for Selective Shielding of Plastic Housings</i> , ITEM (1993) The International Journal of EMC, Robar Industries, Inc., pp. 138, 140, 290, 292, 294, and 296.		
	BD	Hasler, <i>Electroplating and Vacuum Metalizing</i> , Galvanotechnic (1984) Volume 2, 5 pages total.		
	BE	Kimmel et al., <i>Shielding for EMI control...and how to do it right</i> , EDN (January 20, 1994) pp. S59-S69.		
	BF	Leonard, <i>What's Hot and What's Not in EMI Shielding of Plastics</i> , Plastics Design Forum (March/April 1993) pp. 32-35.		
	BG	Smock, <i>Trend to Lower Cost Resins Will Accelerate</i> , Plastics World (April 1995) 1 page total.		
	BH	Rigney, <i>Vacuum Coating</i> , pp. 387-388, 390-410.		
	BI	Chomerics, Inc., <i>EMI Shielding for Commercial Electronics</i> (1994) pp. 4-5, 30-33.		
	BJ	Concise Encyclopedia of Polymer Science & Engineering, John Wiley & Sons, (1990) ISBN 0-471-51253-2, pp. 446-746, 1192-1195.		

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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Sheet	3	of	3	Attorney Docket Number	020843-002110US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BK	Holland, <i>Degassing of Plastic Materials/Plasticizers</i> , Vacuum Deposition of Thin Films, Chapman & Hall Ltd., London (1966) pp. 46-47, 52-53.	
	BL	<i>EMI Protection in Consumer Portable Products</i> , Electronic Packaging and Production (March 1994) pp. 40-44.	
	BM	Grerg et al., <i>Machinery's Handbook</i> , , Industrial Press, New York (1976) pp. 2299-2301.	
	BN	<i>EMI/REI Shielding Guide</i> , General Electric Plastics Co. pp. 1-50.	
	BO	<i>Vacuum Metallizing Electrical Problems</i> , TIPS, Midwest Tungsten Service (1986) 2 pages total.	
	BP	<i>6100 Thermoformable EMI-Shielding Material</i> , Minnesota Mining & Mfg. Co. (1994) 2 pages total.	
	BQ	<i>Orion® Designs Economical EMI Shielding Box Without Cutting Corners</i> , Product Brochure, Orion® Industries Incorporated, 1 page total.	
	BR	<i>New Solutions for the Electronic Age</i> , Placon Corp., Madison, Wisconsin, Sales Brochure, 1 page total.	
	BS	<i>Silver-Coated VALOX FR-1 Film Provides Shielding For Circuit Breakers</i> , GE Films in Action (June 1994) General Electric Co., 1 page total.	
	BT	<i>Style CBS Circuit Board Component Shielding - Design Guide 4</i> , Product Brochure, Leader Tech., Tampa, Florida, 2 pages total.	
	BU	<i>Ultrasonic Welders Advance Clamshell-Sealing Process</i> , Packaging (October 1994) pp. 78-21.	
	BV	Vacuum Platers, Inc. (VPI), Product Brochure, 4 pages total.	
	BW	<i>EMI/RFI Products EE-Evaluation Engineering</i> (April 1995) pp. 64.	
	BX	<i>Silver Shielding for the Highest Performance</i> , Swift Textile Metalizing Corporation, ITEM (1995) pp. 11, 15, 109, 112, 113, 115, 116, 212, 213, 267, 269.	

Examiner Signature		Date Considered	
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